

Fig. 1. Illustrative example of a function model of an engineering system (Prior Art)

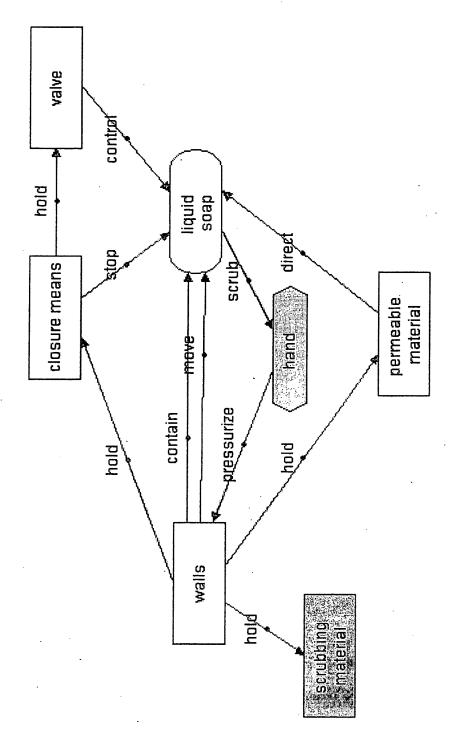


Fig. 2. Illustrative example of a function model of an engineering system from Fig. 1 which has been modified through a simplification (Prior Art)

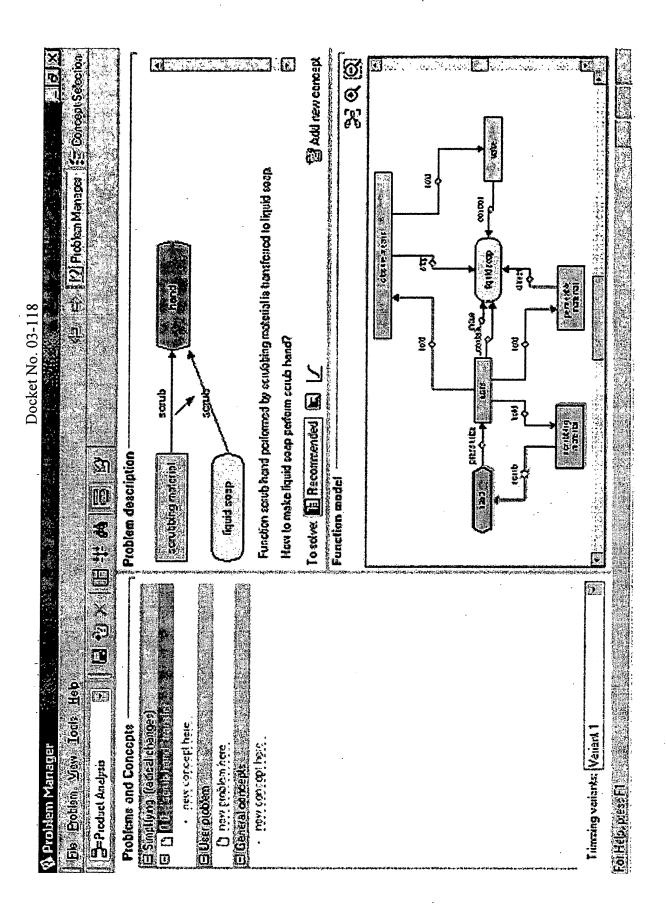


Fig. 3. Illustrative screen depicting how problems represented in function

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3 relevant results S Stop @ Refresh 7 relevant results more results & refine query... Clinicians using antimicrobial soap for surgical hand asepsis should scrub their frands and forearms the length of time recommended 4 Model & Improve 5ys Experts recommend that children should scrub their hands for at least 30 seconds (try having them sing two rounds of DTwinkle How to perform the function scrub hand by the element liquid soap? 100 The function scrub hand is reassigned to the liquid soap. scrub Problem description: scrubbingimaterial deos pinbil Docket No. 03-118 by the manufacturer, usually 2 to 6 minutes (recommendation 3D, category lB) User-defined 드 Simplify design 드 e Res 합니어하게 하다면 데이스 Rank Solutions... Twinkle Little Starl while washing) to help keep germs away. Patterns 💋 Soap, dispenser. - IP driven project. - Goldfire Innovator-: Optimizer. 型×阿 http://www.melaleuca.com/bdf/US KoalaPals 0503.pdf Principles 必见白白 NursingCenter - Library - Journal Issue - Article 3) Scrubbing Hands and Forearms. Design Scenarios: Trimmed scrubbing material desgin Effects 6 Clearing and Trimming Mails Query: How to scrub the hand Corporate Knowledge Problems & Solutions: New solution User-defined Problems Patent Collections A New problem Mew solution g. Save Solution(s)... G Ceneral Solutions <u>5</u> 2 (C) <u>T</u>ools Solve 4 Simplify Design Report DASHBOARD MODEL & IMPROVE **Build Device Model** View 10 10 ğ

Fig. 4 Illustrative screen for a system in accordance with the principles of this invention

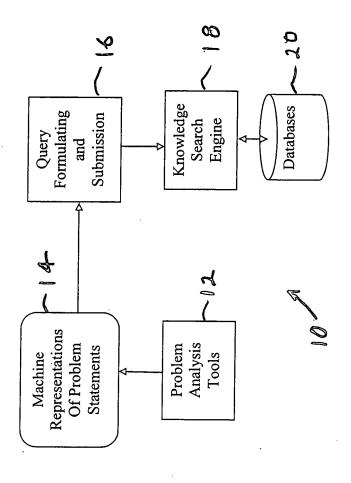


Fig. 5 High-level architecture of a system in accordance with the principles of this invention

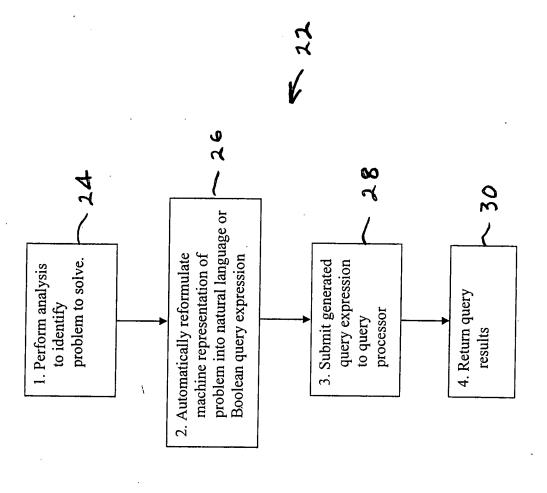


Fig. 6. Flow diagram of a system in accordance with the principles of this invention

Figure 7 Illustrative screen showing problem analysis tool supporting root cause analysis

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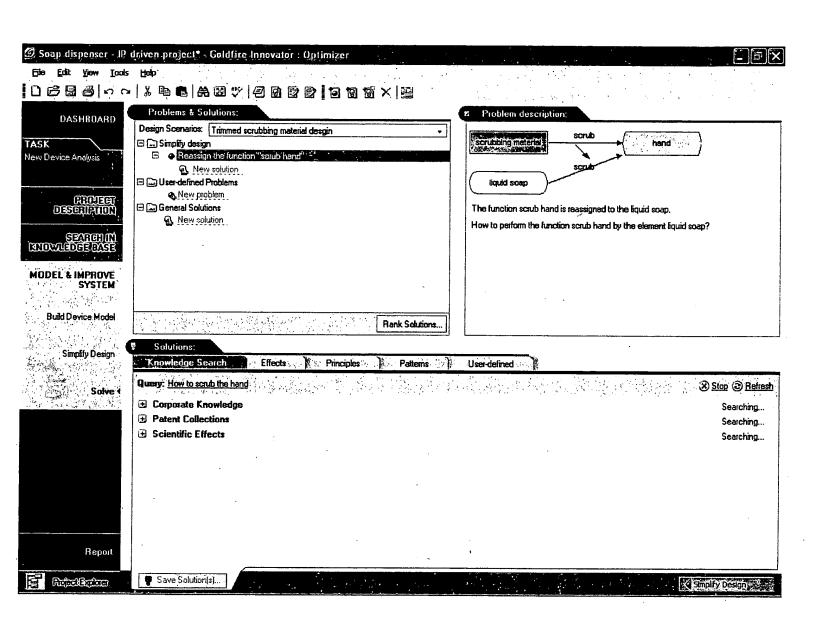


Fig 8

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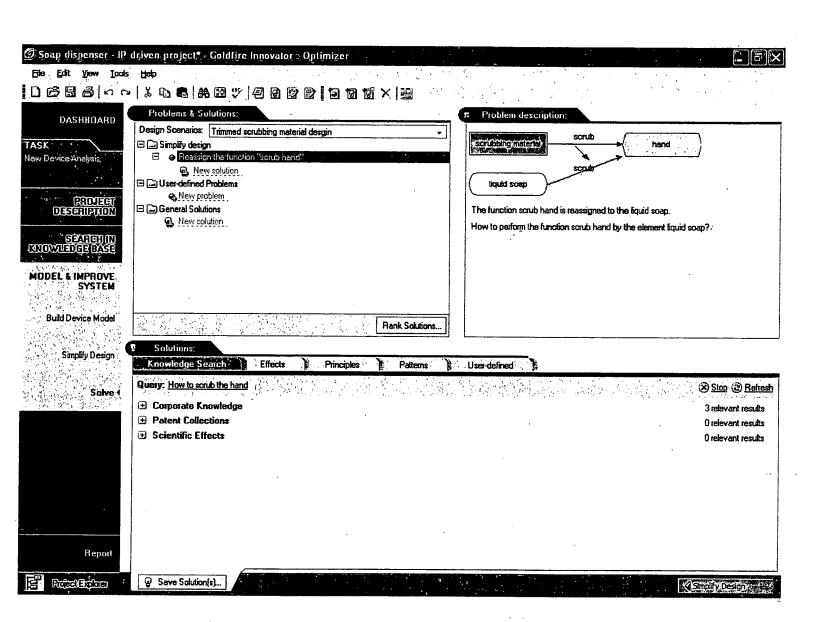


Fig 9

Fig. 4 Illustrative screen for a system in accordance with the principles of this invention

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